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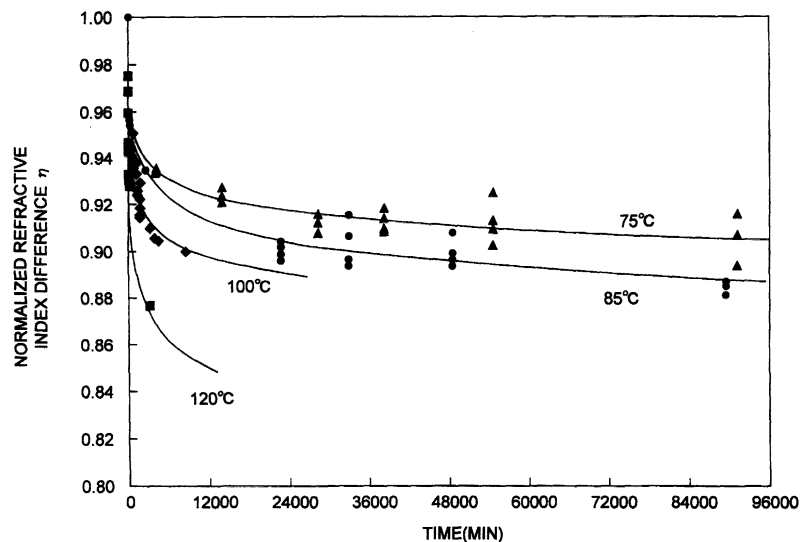
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(54) **Method for determining a condition of aging for optical fiber grating**

(57) The present invention provides a method for determining a condition of aging for an optical fiber grating. This method comprises a step of setting the aged deterioration curve of the optical fiber grating as a form

proportional to t^{-n} , where t represents time, and n represents a parameter dependent on temperature; and a step of determining the condition of the aging according to the aged deterioration curve.

Fig.3





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EUROPEAN SEARCH REPORT

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Place of search THE HAGUE		Date of completion of the search 14 November 2001	Examiner Mathyssek, K
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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